

Table of Contents

International Journal of Information Security and Privacy

Volume 15 • Issue 4 • October-December-2021 • ISSN: 1930-1650 • eISSN: 1930-1669

Research Articles

- 1 A Trust-Integrated RPL Protocol to Detect Blackhole Attack in Internet of Things**
Anshuman Patel, Department of Information Technology, Government Polytechnic, Gandhinagar, India
Devesh Jinwala, Department of Computer Engineering, S.V. National Institute of Technology, Surat, India

- 18 An Opcode-Based Malware Detection Model Using Supervised Learning Algorithms**
Om Prakash Samantray, Raghu Institute of Technology, India
Satya Narayan Tripathy, Berhampur University, India

- 31 A Model to Improve Security Questions Through Individualized Assistance**
Andrew Mangle, Bowie State University, USA
Sandip Patel, Morgan State University (Retired), USA
Sanjay Bapna, Morgan State University, USA
XingXing Zu, Morgan State University, USA
David Gurzick, Hood College, USA

- 54 Finite Time Synchronization of Chaotic Systems Without Linear Term and Its Application in Secure Communication: A Novel Method of Information Hiding and Recovery With Chaotic Signals**
Shuru Liu, Zhengzhou University of Light Industry, China
Zhanlei Shang, Zhengzhou University of Light Industry, China
Junwei Lei, Naval Aviation University of PLA, China

- 79 M-Commerce Security: Assessing the Value of Mobile Applications Used in Controlling Internet Security Cameras at Home and Office – An Empirical Study**
Ahmed Elmorshidy, Gulf University for Science and Technology, Kuwait

- 98 Keystroke Dynamics-Based Authentication System Using Empirical Thresholding Algorithm**
Priya C. V., Noorul Islam Centre for Higher Education, India
K. S. Angel Viji, College of Engineering, Kottayam, India

- 118 Image Encryption Algorithm Based on a Novel 4D Chaotic System**
Sadiq A. Mehdi, Department of Computer Science, College of Education, Mustansiriyah University, Baghdad, Iraq

COPYRIGHT

The *International Journal of Information Security and Privacy (IJISP)* (ISSN 1930-1650; eISSN 1930-1669), Copyright © 2021 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The *International Journal of Information Security and Privacy* is indexed or listed in the following: ACM Digital Library; Australian Business Deans Council (ABDC); Bacon's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); CSA Illumina; DBLP; Gale Directory of Publications & Broadcast Media; GetCited; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; Norwegian Social Science Data Services (NSD); SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; UGC-CARE List (India); Ulrich's Periodicals Directory; Web of Science; Web of Science Emerging Sources Citation Index (ESCI)